

PTO/SB/21 (02-04)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/725,776
	Filing Date	December 1, 2003
	First Named Inventor	Makoto TAKAHASHI
	Art Unit	Not yet assigned
	Examiner Name	Not yet assigned
Total Number of Pages in This Submission	Attorney Docket Number	2102475-991290

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Postcard; Check No. JP 2001-035159 and JP 2002-170398
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Or Individual name	EDWARD B. WELLER (Reg. No. 37,468) Gray Cary Ware & Freidenrich LLP		
Signature			
Date	February 12, 2004		

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Susan Pingue		
Signature		Date	February 12, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

American LegalNet, Inc.
www.USCourtForms.com



INFORMATION DISCLOSURE STATEMENT

Applicant:	Makoto TAKAHASHI
Application No.	10/725,776
Filed:	December 1, 2003
For:	Semiconductor Memory Device With Improved Precharge Timing
Group Art Unit:	Not yet assigned
Examiner:	Not yet assigned
Attorney Docket No.:	2102475-991290

Commissioner of Patents and Trademarks
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. § 1.56(a) and 37 C.F.R. § 1.97, Applicant(s) hereby make of record the references listed on the accompanying Form PTO-1449 for consideration by the Examiner in connection with the examination of the above-identified patent application.

This Information Disclosure Statement:

- | | | |
|-----|-------------------------------------|---|
| (a) | <input type="checkbox"/> | accompanies a new patent application submitted herewith. |
| (b) | <input checked="" type="checkbox"/> | is filed within three (3) months of the Filing Date or before the mailing date of a First Office Action on the merits; OR |
| (c) | <input type="checkbox"/> | after the period defined in (b) but before the mailing date of a Final Rejection or Notice of Allowance, OR |
| (d) | <input type="checkbox"/> | is filed after the first Office Action and more than three months after the application's filing date or PCT national stage date of entry filing but, as far as is known to the undersigned prior to the mailing date of either a final rejection or a notice of allowance, and is accompanied by either the fee (\$180) set forth in 37 CFR § 1.17(p) or a certification as specified in 37 CFR § 1.97(e), as checked below OR |
| (e) | <input type="checkbox"/> | is filed after the mailing date of either a final rejection or a notice of allowance, and the issue fee has not been paid, and is accompanied by the requisite petition fee (\$130) set forth in 37 CFR § 1.17(l)(1) and a certification as specified in 37 CFR § 1.97(e), as checked below. This document is to be considered as a petition requesting consideration of the information disclosure statement. |

As required under § 1.97(e), Applicants, through the undersigned, hereby state either that [check the appropriate space]:

- | | | |
|-----|--------------------------|---|
| (f) | <input type="checkbox"/> | Each item of information contained in the Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing date of the Information Disclosure Statement; or |
| (g) | <input type="checkbox"/> | No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the Information Disclosure Statement. |

It is respectfully requested that each of the references shown on the attached Form PTO-1449 be made of record in this application. Copies of the references are attached.

The Commissioner is authorized to charge any deficiencies and credit any overpayment of fees to our Deposit Account No. 07-1896

Respectfully submitted,

Date: February 12, 2004

GRAY CARY WARE & FREIDENRICH LLP

By: Edward B. Weller
Reg. No. Edward B. Weller (Reg. No. 37,468)
Attorneys for Applicant(s)
2000 University Avenue
East Palo Alto, CA 94303-2248
650-833-2436

☒ Customer Number or Bar Code Label

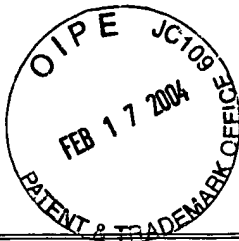
26379

(Insert Customer No. or Attach bar code label here)

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as FIRST CLASS MAIL in an envelope addressed to: Commissioner of Patents & Trademarks, P.O. Box 1450, Alexandria, VA 22313-1450.

February 12, 2004
Date

Michael Perinque
Signature



ATTORNEY DOCKET NO. 2102475-991290

Form PTO-1449 (modified 2/91) INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	U.S. DEPT. OF COMMERCE Patent and Trademark Office	Attorney Docket Number: 2102475-991290	Serial Number: 10/725,776
		Applicant: Makoto Takahashi	
		Filing date: December 1, 2003	Group art unit: Not yet assigned

U.S. PATENT DOCUMENTS

Examiner Initial	Patent number	Date	Name	Class	Sub-class	Filing date if appropriate
	6,314,049	11-06-01	Roohparvar			

FOREIGN PATENT DOCUMENTS

	Document number	Date	Country	Class	Sub-class	Translation (Abstract only)	
						YES	NO
	2000-035159	02-09-01	Japan			X	
	2002-170398	06-14-02	Japan			X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner:	Date Considered:
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP '609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.	